

STG

The Jumpstart on an Elite Career
High tech, complex cutting edge systems
and computers.



**Sonar Technician, Surface
STG**

Sonar Technicians (STG) are responsible for operating sonar systems, underwater fire control systems, and supporting equipment on surface ships such as frigates, destroyers and cruisers. STGs are also responsible for undersea surveillance, and aid in safe navigation and search-and-rescue operations. They use equipment to detect, analyze and locate targets of interest.

What They Do

The duties performed by STGs include:

- Identify sounds produced by surface ships, torpedoes, submarines, evasion devices, sonar transmissions, marine life and natural phenomena
- Operate sonar sensors for detection and classification of contacts
- Identify the characteristics, functions and effects of controlled jamming and evasive devices on sonar operations
- Prepare and interpret sonar messages
- Operate underwater fire control systems for firing of torpedoes and anti-submarine rockets
- Recognize major equipment malfunctions during sensor operations
- Operate tape recorders, bathythermographs and fathometers
- Use and maintain hand tools and portable power tools
- Operate underwater communications equipment

Credit Recommendations

The American Council on Education recommends that semester hour credits be awarded in the vocational certificate or lower-division bachelor's/associate's degree categories for courses taken in this rating on electricity and electronics, applied mathematics and blueprint reading.

Qualifications and Interests

STGs should have excellent hearing; an aptitude for electricity and electronics; skills in arithmetic, speaking and writing; the ability to do detailed work, keep records, perform as a team



member; curiosity; resourcefulness; a good memory; and manual dexterity with tools, equipment and machines. The ability to do repetitive tasks and get along well with people is helpful. STGs must be U.S. citizens eligible for security clearances. Normal hearing and normal color perception are required. STGs must have no speech impediments.

Working Environment

STGs usually work indoors in a clean, comfortable shop-like environment and computer equipment rooms. They work closely with others and require little supervision.

Opportunities

Placement opportunities are good for qualified applicants. About 4,000 men and women work in the STG rating.

Related Civilian Jobs—Dept. of Labor Dictionary of Occupational Titles

Microcomputer Support Specialist
Technical Support Specialist
Data Communications Analyst
Instructor, Technical Training
Computer Operator
Electronics Tester
Electronics Utility Worker

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Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through formal Navy schooling. Advanced technical equipment maintenance and operational training on several sonar systems and underwater fire control is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Class "A" Technical School	San Diego, CA.	10 weeks	Sonar fundamentals, basic operator and analyst skills	Group instruction

After "A" school, Basic Acoustic Analyst course (6 weeks) and a sonar operator course (6-8 weeks), STGs are assigned to surface ships as sonar equipment operators. During a 20-year period in the Navy, STGs spend about 60 percent of their time assigned to fleet units and 40 percent to shore stations in the United States.

All personnel now receive sea pay at sea (E-1 to E-9).

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.



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